

U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION 10

1200 SIXTH AVENUE

SEATTLE, WASHINGTON 98101

APPLICATION OF:

Boise Cascade Corporation  
1274 South Boise Road  
Kettle Falls, WA 99141-9792

No. PSD-X80-01 AMENDMENT 1  
APPROVAL OF APPLICATION  
TO CONSTRUCT

Pursuant to the Agency regulations for the Prevention of Significant Deterioration of Air Quality (PSD) set forth at Title 40, Code of Federal Regulations, Part 52 and based upon information received on August 10, 1978, August 30, 1978, December 22, 1978, January 25, 1979, February 2, 1979, March 13, 1979, March 23, 1979, and January 2, 2003 by the Boise Cascade Corporation, the Washington Department of Ecology now finds as follows:

FINDINGS

1. On January 2, 2003, Boise Cascade Corporation (hereafter referred to as Boise Cascade) submitted a request to amend the PSD Permit No. PSD-X80-01 for their existing Kettle Falls Plywood facility. The original permit was issued on December 18, 1979. The permit allowed Boise Cascade to construct two fluidized bed incinerators, modify an existing veneer dryer and construct a new veneer dryer at its plywood plant in Kettle Falls, Washington. Boise Cascade has been operating under this permit as originally issued since that time. Boise

Cascade is seeking an amendment of the Approval Condition #3 of their existing permit. Boise requested that the requirement in Condition 3 be modified such that the facility (Boise Cascade) is to notify only the Department of Ecology (Ecology) of any occurrence of any emissions in excess of the limits specified in Conditions #1 and #2. The notification will be included in Boise's monthly deviation reports which are required to be submitted to Ecology no later than 30 days after the end of the month during which the deviation is discovered.

Ecology agrees this is an administrative amendment. The administrative amendment does not require a public notification and commenting period.

2. The projected emissions from the original proposal indicated that the project had the potential to emit more than 250 tons per year of particular matter and is therefore subject to PSD review for this pollutant.
3. An ambient air quality impact analysis was not required for total suspended particulates (TSP) because there will be a net decrease in plant-wide emissions for this pollutant and no adverse air quality impacts will occur [Section 52.21(k) (1) (iv)].
4. The Kettle Falls, Washington area is designated as "Class II" under Section 162 (b) of the Clean Air Act (42 USC 7472).
5. No "Class I" area or area with a known PSD increment violation was impacted under the original proposal.
6. With the application of best available control technology, as required by Section 165 (a) (4), operation of the Boise Cascade plywood plant will meet applicable PSD requirements.

ACCORDINGLY, it is hereby determined that, subject to the conditions set forth below, Boise Cascade will be permitted to construct the fluidized bed incinerators and make the veneer dryer modifications described in the information received on August 10, 1978, August 30, 1978, December 22, 1978, January 25, 1979, February 2, 1979, March 13, 1979, and March 23, 1979.

#### APPROVAL CONDITIONS

1. Emissions of particulate matter (PM) shall not exceed the following:

#### Emission Limitations

<u>Facility</u>	<u>Pollutant</u>	<u>Tons Per Year</u>	<u>Concentration Or Emission Factor</u>
PBI-Veneer Dryer	PM	186	0.04 gr/dscf at At 10% opacity
Hog Fuel Boiler	PM	196	

2. With the exception of particulate matter, potential emissions of any pollutant regulated under the Clean Air Act will be less than 250 tons per year.
3. Boise Cascade shall notify Ecology of any occurrence of any emissions in excess of limits specified in Condition Numbers 1 and 2 above. The notification shall include an estimate of the resultant emissions and narrative report of the cause, duration and steps taken to correct the problem and avoid a recurrence. The notification will be included in the facility's monthly deviation reports which are required to be submitted to Ecology no

later than thirty (30) days after the end of the month during which the deviation is discovered.

4. This approval shall become void if on-site construction once initially commenced is discontinued for a period of eighteen (18) months.

5. As approved and conditioned by this permit, any construction, modification or operation of the proposed facility shall be in accordance with the application which resulted in this permit. Moreover, any such activity which is in a manner inconsistent with this permit shall be subject to EPA enforcement action under the Clean Air Act. Nothing in this permit shall be construed to relieve Boise Cascade of its obligations under any state or federal laws including Sections 303 and 114 of the Clean Air Act.

6. The Boise Cascade Corporation shall be subject to Section 114 of the Clean Air Act. Section 114 requirements include, but are not limited to:

a. Compliance Monitoring

Continuous monitoring instruments for measuring opacity shall be installed and operated to meet the requirements of 40 CFR Part 60, Appendix B on the PBI-veneer dryer system stack unless a scrubber is used to control emissions. If a scrubber is used, the scrubber pressure drop and the scrubbing water flow rate shall be continuously monitored and recorded. In addition, Boise Cascade shall maintain records which identify the operating rate of the PBI-veneer dryer system and the hog fuel boiler. The monitoring records shall be maintained for a period of five (5) years and shall be available for inspection by EPA or the State upon request.

b. Annual Compliance Inspection

An inspection shall be conducted yearly by the State or EPA to determine whether compliance is being maintained.

Access to the source by EPA or State regulatory personnel will be permitted upon request for the purpose of compliance inspections. Failure to allow such access is grounds for revocation of this permit.

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Date

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Tapas Das, P.E.  
Environmental Engineer